

| L Number | Hits | Search Text | DB | Time stamp |
|---------------------|-------------|---|---|---------------------|
| - | 90969 | trapez\$ | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 19:11 |
| - | 3601 | 257/e23.021,e23.069.ccls. 438/for.343.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 14:05 |
| - | 66 | trapez\$ and (257/e23.021,e23.069.ccls. 438/for.343.ccls.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 14:06 |
| - | 16 | (trapez\$ and (257/e23.021,e23.069.ccls. 438/for.343.ccls.)) not (@ad>19940719 @riad>19940719 @pt1d>19940719) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 14:09 |
| - | 4 | ("3959874" "4620215" "4764804" "5019673").PN. | USPAT | 2003/09/05 14:07 |
| - | 1260327 | electrode | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 14:09 |
| - | 1699627 | semiconductor integrated adj circuit ic | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 14:09 |
| - | 6388 | truncated adj pyramid\$ | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 14:26 |
| - | 72574 | bump | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 14:12 |
| - | 37 | (truncated adj pyramid\$) with bump | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 14:12 |

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|---|---------|---|---|---------------------|
| - | 18 | ((truncated adj pyramid\$) with bump) and (semic ndu tor integrated adj circuit i) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 14:12 |
| - | 5 | (((truncated adj pyramid\$) with bump) and (semiconductor integrated adj circuit ic)) not (@ad>19940719 @rlad>19940719 @pt1d>19940719) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 14:16 |
| - | 5 | ("Re29285" "4028200" "4122215" "4419390" "4483711").PN. | USPAT | 2003/09/05 14:15 |
| - | 35 | (438/612-617.ccls. 257/737,738.ccls. 228/180.22.ccls. (257/e23.021,e23.069.ccls. 438/for.343.ccls.)) and (truncated adj pyramid\$) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 14:17 |
| - | 4 | ((438/612-617.ccls. 257/737,738.ccls. 228/180.22.ccls. (257/e23.021,e23.069.ccls. 438/for.343.ccls.)) and (truncated adj pyramid\$)) not ((@ad>19940719 @rlad>19940719 @pt1d>19940719) (((truncated adj pyramid\$) with bump) and (semiconductor integrated adj circuit ic)) not (@ad>19940719 @rlad>19940719 @pt1d>19940719))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 14:22 |
| - | 6 | ("3880486" "3986255" "4125310" "4403272" "4548451" "4581679").PN. | USPAT | 2003/09/05 14:21 |
| - | 485529 | mask\$ stencil\$ | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 14:24 |
| - | 3099 | (mask\$ stencil\$) and (438/612-617.ccls. 257/737,738.ccls. 228/180.22.ccls. (257/e23.021,e23.069.ccls. 438/for.343.ccls.)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 14:24 |
| - | 2380578 | shape | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 14:24 |
| - | 1603 | ((mask\$ stencil\$) and (438/612-617.ccls. 257/737,738.ccls. 228/180.22.ccls. (257/e23.021,e23.069.ccls. 438/for.343.ccls.))) and shape | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 14:25 |
| - | 1708 | trapez\$ with electrode | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 14:26 |

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|---|-------|--|---|---------------------|
| - | 259 | ((trap z\$ with el ctrod) and (emicondu t r integrat d adj circuit ic)) not (@ad>19940719 @rlad>19940719 @pt1d>19940719) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 15:03 |
| - | 2 | ("5049972" "5061985").PN. | USPAT | 2003/09/05 14:28 |
| - | 7 | 5473197.URPN. | USPAT | 2003/09/05 14:29 |
| - | 4 | ("5226232" "5473197" "5844314" "5903056").PN. | USPAT | 2003/09/05 14:57 |
| - | 9 | ("3169892" "3957552" "4394678" "4436766" "4601915" "4652336" "4861425" "4927505" "5118386").PN. | USPAT | 2003/09/05 14:59 |
| - | 85087 | (flip! adj chip) (face! adj down! adj bond\$) c4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 15:14 |
| - | 297 | ((flip! adj chip) (face! adj down! adj bond\$) c4) and (trapez\$ (truncated adj pyramid\$))) not (@ad>19940719 @rlad>19940719 @pt1d>19940719) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 15:16 |
| - | 18 | ("0983093" "2461201" "2877439" "3086899" "3108924" "3214723" "3577105" "3638164" "3736627" "3808577" "3926498" "3955245" "4074926" "4139727" "4443048" "4581792" "4749371" "4875259").PN. | USPAT | 2003/09/05 15:38 |
| - | 1 | 1995-142655.NRAN. | DERWENT | 2003/09/05 16:03 |
| - | 1 | 1995-142655.NRAN. | DERWENT | 2003/09/05 16:03 |
| - | 285 | ((mask\$ stencil\$) and (438/612-617.ccls. 257/737,738.ccls. 228/180.22.ccls. (257/e23.021,e23.069.ccls. 438/for.343.ccls.))) and shape) not (@ad>19940719 @rlad>19940719 @pt1d>19940719) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 16:08 |
| - | 6 | ("4472730" "5128746" "5321303" "5327013" "5331235" "5373190").PN. | USPAT | 2003/09/05 16:19 |
| - | 9 | ("3349296" "4104676" "4263702" "4670770" "4695870" "4748483" "4881118" "4937653" "5124281").PN. | USPAT | 2003/09/05 16:23 |
| - | 24 | RE35119.URPN. | USPAT | 2003/09/05 16:24 |
| - | 11 | ("5059553" "5108027" "5130779" "5133495" "5137845" "5147084" "5162257" "5208186" "5268072" "5269453" "5310699").PN. | USPAT | 2003/09/05 16:30 |
| - | 4 | ("3719981" "4238528" "4376505" "4604644").PN. | USPAT | 2003/09/05 16:33 |

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| - | 93 | 5147084.URPN. | USPAT | 2003/09/05 16:34 |
| - | 16 | 5147084.URPN. not (@ad>19940719 @riad>19940719 @pt1d>19940719) | USPAT | 2003/09/05 17:10 |
| - | 12 | ("3496428" "3512051" "3761309" "3809625" "3821785" "3986255" "4545610" "4626479" "4664309" "4673772" "4739917" "4783722").PN. | USPAT | 2003/09/05 16:52 |
| - | 7 | ("3392442" "3436818" "3486223" "4617730" "5007163" "5075965" "5203075").PN. | USPAT | 2003/09/05 16:56 |
| - | 271373 | taper\$ | USPAT | 2003/09/05 17:10 |
| - | 274 | bump with taper\$ | USPAT | 2003/09/05 17:11 |
| - | 102 | (bump with taper\$) and (semiconductor integrated adj circuit ic) | USPAT | 2003/09/05 17:11 |
| - | 25 | ((bump with taper\$) and (semiconductor integrated adj circuit ic)) not (@ad>19940719 @riad>19940719 @pt1d>19940719) | USPAT | 2003/09/05 17:18 |
| - | 3 | 5091288.URPN. | USPAT | 2003/09/05 17:16 |
| - | 337 | (438/612-617.ccls. 257/737,738.ccls. 228/180.22.ccls. (257/e23.021,e23.069.ccls. 438/for.343.ccls.)) and taper\$ | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 17:20 |
| - | 53 | ((438/612-617.ccls. 257/737,738.ccls. 228/180.22.ccls. (257/e23.021,e23.069.ccls. 438/for.343.ccls.)) and taper\$) not (@ad>19940719 @riad>19940719 @pt1d>19940719) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 17:29 |
| - | 9 | 5307983.URPN. | USPAT | 2003/09/05 17:27 |
| - | 5 | ("4832255" "4840302" "4878611" "4906823" "5186383").PN. | USPAT | 2003/09/05 17:27 |
| - | 522123 | conic\$ cone pyramid\$ | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 17:29 |
| - | 647 | (conic\$ cone pyramid\$) with bump | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 17:29 |
| - | 57 | ((conic\$ cone pyramid\$) with bump) and (semiconductor integrated adj circuit ic) not (@ad>19940719 @riad>19940719 @pt1d>19940719) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 17:30 |

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| - | 25114 | flat! adj t p | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 19:31 |
| - | 8330 | 438/612-617.ccls. 257/737,738.ccls. 228/180.22.ccls. (257/e23.021,e23.069.ccls. 438/for.343.ccls.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 19:34 |
| - | 93 | (flat! adj top) and (438/612-617.ccls. 257/737,738.ccls. 228/180.22.ccls. (257/e23.021,e23.069.ccls. 438/for.343.ccls.)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 19:34 |
| - | 10038712 | @ad>19940719 @riad>19940719 @pt1d>19940719 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 19:37 |
| - | 15 | ((flat! adj top) and (438/612-617.ccls. 257/737,738.ccls. 228/180.22.ccls. (257/e23.021,e23.069.ccls. 438/for.343.ccls.))) not (@ad>19940719 @riad>19940719 @pt1d>19940719) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 19:45 |
| - | 5 | ("4159222" "4236777" "4306925" "4566186" "4722765").PN. | USPAT | 2003/09/05 19:44 |
| - | 72574 | bump | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 19:45 |
| - | 138 | (flat! adj top) with bump | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 19:46 |
| - | 53 | ((flat! adj top) with bump) not (@ad>19940719 @riad>19940719 @pt1d>19940719) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 19:55 |
| - | 7 | ("3621564" "3713575" "3871015" "4503096" "4558812" "4582975" "4661192").PN. | USPAT | 2003/09/05 19:48 |
| - | 47 | 4752027.URPN. | USPAT | 2003/09/05 19:49 |
| - | 1 | 1980-57633C.NRAN. | DERWENT | 2003/09/05 19:54 |

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|---|--------|--|---|---------------------|
| - | 356394 | slop\$ | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 19:55 |
| - | 517 | slop\$ with bump | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 19:55 |
| - | 33 | (slop\$ with bump) and (438/612-617.ccls. 257/737,738.ccls. 228/180.22.ccls. (257/e23.021,e23.069.ccls. 438/for.343.ccls.)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 19:55 |
| - | 10 | ((slop\$ with bump) and (438/612-617.ccls. 257/737,738.ccls. 228/180.22.ccls. (257/e23.021,e23.069.ccls. 438/for.343.ccls.))) not (@ad>19940719 @rlad>19940719 @pt1d>19940719) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 19:58 |
| - | 266 | slop\$ and (438/612-617.ccls. 257/737,738.ccls. 228/180.22.ccls. (257/e23.021,e23.069.ccls. 438/for.343.ccls.)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 19:58 |
| - | 46 | (slop\$ and (438/612-617.ccls. 257/737,738.ccls. 228/180.22.ccls. (257/e23.021,e23.069.ccls. 438/for.343.ccls.))) not (@ad>19940719 @rlad>19940719 @pt1d>19940719) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 19:59 |
| - | 3 | "04053131" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 21:50 |
| - | 4 | "60113934" "55085692" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 21:50 |